

SMEIN math

Friday, February 3, 1978.

1175

FEDERATION ELECTION RESULTS

S MIT	1393
ROKS OVA	656
S POILED	164

(mathNEWS front page held for the election results (thanz Graphic Services) and that is why this <front> page looks a bit odd)

TORONTO PUB PHONE

The telephone number for the Toronto pub is 481-5382. For more information, ask at Mathsoc, mc3038.

GRAD PICTOS

Monday and Tuesday (Feb 6,7) a photographer will be on campus to take graduation portraits of Math students who hope to get their degrees in May. The display window outside the 3rd floor lounge offers a sample of the finished product. If you want to register for a sitting you must choose a time on the sign-up list posted in the Mathsoc office. The next step is to appear, appropriately dressed, at room 3001 in Needles Hall at your designated time, along with \$8.00 for the sitting fee. Coats and hoods are supplied for your portrait.

Our five year mission...
To cause Graphic Services to run out of
paper.

Volume C Number 4

math
NEWS

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math NEWS

I nearly made my escape disguised as a snowdrift moving steadily north. Unfortunately, they were waiting for me at the gate and hence another

AT GUNPOINT

First of all I would like to apologize to all the people who showed up late for the basketball game that I claimed to be happening at 8:15. The CBC viewers were entertained to a close game with (of course) Waterloo ending up on top. A large crowd supported our Warriors. I wonder how the CBC censored out some of our cheers.

I will assume that thousands of responses are on their way to me from my first article but were held up because you couldn't get hold of a **mathNEWS** until Monday. Judging by the number of copies still sitting outside on Tuesday, it's obvious that many of you were fooled by our editor's disguising of the name.

What's that? I was just informed that all those responses have arrived. (both of them) It's amazing what people will say when they don't sign their names to it. Perhaps a challenge will stir your interests, (and fill my column). Therefore I shall print the best definition(s) of a **STUDENT** sent to me either personally or via **mathNEWS**. (feel free to be profane, I mean profound)

In response to the number of assaults being committed in the M&C building, we offer you:

THEN-DO: a course in self-defence from WIDJET terminals, run queues, and J.J.Schlong. Enroll at **MATHSOC**. (NOTE: all good-looking females are encouraged to apply to me personally.)

Will anyone who knows the address of a cute and cuddly German Shepherd please forward it to jrbakker. Thank you.

Were you aware that Calculus professors have their own version of the bible? Although, basically the same, some passages are different, such as, the Lord saying, "Go forth and integrate." It offers a proof of how Jesus divided the bread and fish using differentiation and answers the age-old question of Noah's arclength. The earth is created by rotating $x^2 + y^2 = 16$ about the x axis. This version also includes the little-known Leibnitz's letter to the Romans.

Well, they've decided that that's enough drivel from me. There are 2 big guys with guns coming in. HEY, where are you taking me? HELP!!!!!!!!!!!!!!!!!!!!

rob collins

Q: Would you like something alcoholic?

A: Yes, I'll have a wino, please.

1176

Announcement

To Whom It May Concern

Having gotten fed up with fake ads in my name in this paper, I have decided to take matters into my own hands. In other words, if my name is going to be in **mathNEWS** for anything, it is going to be in there because I sent them some filler. I read in last week's issue that my friend the masked marauder has a new column. Well, if he can do it, so can I! After all, I get just as much boring mail from people as he does. More even, since I also send it out to certain patient people who put up with me. (my mailing list) (*editor's note: Is it any wonder some of them try to get him a harmless hobby?*) The main thing I am going to do this week is offer a chance to anyone who writes me to get his (or her) message printed in its entirety. (all of it that is) This is going to be first prize in my all new, improved, and perhaps less boring than before...

MAIL MESSAGE OF THE WEEK

The people on my mailing list already know what is meant by this, so they have a slight advantage; however, anyone and everyone has an equal chance of winning. Humorous entries, poems, stories, anything your little hearts desire. Everything will be considered provided it will look good on paper (as opposed to a CRT). My userid is jrbakker on the 'bun, and I just love to spend hours on the system untangling my mail.box from wherever it has been. (only a slight touch of sarcasm there) One last thing before I forget. Send mail to *jpsirett* (owner/operator of the **GREAT JPSIRETT MAILING LIST**) and you will be sure to get a reply or several. An ideal thing for people who don't know how to use mail.

Live long and prosper.

jr.

It's time for the great **JPSIRETT** and **JRBAKKER** contest! Answer these next 5 questions and you can be a member of our mailing lists!

1. On what day of the week was JFK shot?
 2. Of what country was Sarajevo the capital?
 3. What teams in the NHL did Larry Hillman not play for?
 4. What is the air speed of a laiden swallow?
 5. What do the "p" in *jpsirett* and the "r" in *jrbakker* stand for?
- All entries must be sent to either *jpsirett* or *jrbakker* on the honeywell.

MATH WINS AGAIN!!!

Despite losing four of our players to the opposition, we, the Math Hacks, toppled the opposition, 4-0. The motivated offence combined with the scintillating saves of our rookie goaltender gave us a winning combination.

Math hit for an early Goal, when H.S., while on a line change, fed Doug a centering pass. Doug's shot hit the goalie, but alertly Doug fired the rebound into the upper right hand corner.

Less the 10 minutes later, H.S., while being checked by 3 players managed, some how, to forward the ball to **FUZZY** who centered the Ball to the **PREZ** who netted his first goal of the season.

The third goal came when **Bore-Ya** pulled off a great defensive play. **Bore-Ya** brilliantly passed to the breaking **Fuzzy** who ran the length of the ice and rammed the puck past the goalie.

To finish the game off on a winning note H.S. intercepted a clearing pass from the Opposition at the **blue line** and let go a screaming slap shot which eluded the goaltender.

The most outstanding player of the game was our goalie, **AKFM**, who brilliantly stopped every shot on net including one that hit his toe and then off the post. Andy quickly covered up the rebound.

Besides the high-scoring first line, I would like to mention how great the second line played.

The second line consisted of Brian Gregory, Doug McInroy, Bruce Rorrison, Jim Bakker and Phil Kelly. Although this line scored only once. They played great defensively and had many close scoring chances.

Other players who played good games but didn't figure in the goals were Daryle, our only female at the game, who played a good defence, and Ken Lynch, who didn't score but set up so many rushes and had a lot of scoring opportunities.

We are in severe need for more females to show up for our games. Our next games are on Friday Feb. 3 at 1pm at McCormick and Friday Feb. 10 at 1pm at McCormick. All games are at McCormick arena and everyone is welcome to play.

H.S.

horny sloat

typist's note: This article which did not make last week's mathNEWS was much worse than attempting to translate jilongese. Not only did the author not mention who the opposition is, he fails to mention what game is being played. Specifically he mentions using both a ball and a puck.

Anyway it's 1:30am, I'm tired and I'm going home to get some sleep.

editor's note: You have just flunked out of the ELPP. No wonder they call you "Pre-School".

Look - up in the sky...
It's a bird...
It's a plane...
No, it's...

Ramblings, Ravings, and Incoh-

"Who did that!" I screeched incoherently. "Who hit break just in the middle of my headline!! You, you Communist, you racist, you fascist, you...aaah!" And I looked over my shoulder at the blinding form of Superhack. Too scared to even signal a logical disconnect, I rose blindly to my feet and headed at a loping run in the opposite direction from him. Which can be dangerous in the Teleray room, as I found out when my head attained a new intimacy with the back wall. Dazed, I slumped to the ground, watching Superhack's hands make cabalistic passes over the terminal so recently vacated. He turned and stared at me.

"You stand accused of misusing the Great Glorious Honeybun System, which is divine even though it is a kludge and crashes indiscriminately," he boomed, in a voice like a thousand 2741's all typing password masks at once.

"Who, me? Why is it always me? What have I ever done to hackdom at large, if you don't count that incident with the administrator's daughter? People like my articles!"

"Who likes your articles?"

"Well...". After about five minutes of silence he gave a mighty snort and clapped his hands. A great number of bus cables grew out of the wall and wrapped their multicoloured selves around me.

"Admit it! You had absolutely no material for this column, several assignments due, a test less than an hour from now, and yet you decided to come here and make something up! You do not realize that your time has come. The future belongs to the new wave of mathNEWSwriters."

"What new wave of mathNEWS writers?"

"People like eamacneil, tom collins, jrbakker, jpsirett..."

"No, no!!!" I screamed and thrashed in vain against the braided cables binding me. "It's not fair!! I'm always the one shrunk to 8-point type! I'm always the one that never gets any mail!! You're telling me those cretins are the future of our great paper? You can't do this!!" And I spat at the terminals, causing a spark to jump from one of them.

When I regained consciousness, Superhack was standing right over me. "Don't ever do that again, or I'll get Marnie to come in and sneer at you and you'll freeze to death. There is one chance for you."

"What's that?" I was grasping at straws by then.

"Your column has gone downhill because you do silly things like list your mail and run neat contests no one enters. Consequently, no one believes in you. If you can get enough people to believe in you then you will be free again."

Well, I managed to reach the terminal nearest me, and am now typing this with my tongue. Now, listen closely; if you believe in me, clap your hands. That's right, all you good little hacks and hackesses, clap your hands and our hero will be free. Aw, c'mon, just once? Click your tongue? Slap your thighs together? Hello? Hello???"

-pogo
alias prlagde

Youths who would senior
wranglers be
Must drink the juice distilled
from tea,
Must burn the midnight oil from
month to month,
Raising binomials to the
(n+1)th.

1177

CSC Flash!

The CSC held its second meeting of the term the night of the blizzard (Thursday, January 26th) and, considering the circumstances, the turnout was excellent. About thirty-five people showed up to listen to Ron Hansen's talk about Computer Chess Playing Programs. Ron is a part-time graduate student in the Computer Science department and is a systems programmer on the staff of the MFCF.

The first part of the meeting was taken up by two other items of business. The first item on the agenda was a discussion of possible funding for the microcomputer that a group in the CSC wish to obtain for use by club members. John Long, the Math representative on the federation council, suggested that the CSC take the request for funding to council before council elections in the middle of February. It was noted by CSC president, Peter Stevens, that there are now at least ninety Microcomputer Users' Group (MUG) members, and that as soon as the goal of one hundred MUG members was met the CSC would go to the federation council and request funds for the project.

The second item involved an explanation of the new policy regarding Honeywell userids for CSC members. This was outlined by Dr. Gentleman, the director of the MFCF and faculty advisor to the club. The policy requires any CSC member requesting a Honeywell userid, that he/she wouldn't normally get for course work, to submit a one page document indicating what he/she would learn using the computing resources being given to him/her. Further information about this new policy can be obtained in the CSC office in MC 3037 (across the hall from mathsoc) or can be found in the file *mamalcolm/unix/policy* on the Honeywell in unroffed form (i. e. it must be processed by *roff* to produce the proper listing).

Ron Hansen's talk was to complete his Master's essay requirements, and he discussed the algorithms for playing chess by computer. These were an exhaustive tree search, picking the best move and searching a more limited part of the tree, or using a heuristic approach. Ron's program, Treefrog, used the picking the best move strategy and it won the U. S. computer chess championships in 1975 held at the ACM national conference; it came third in the first world computer chess championships held at the 1974 IFIP congress in Stockholm, Sweden.

The most successful program to date has been the CHESS 4.6 program running on a large stand-alone CDC Cyber 170 series machine at Northwestern University. It uses an exhaustive search algorithm. Ron felt that this or the heuristic approach held out the best hope for a winning program, but the algorithms for chess heuristics were quite complicated, and inevitably had many bugs in them.

In other news, the CSC will be having (will have had) Professor Leonard Kleinrock of the University of California at Los Angeles as a guest speaker on Wednesday evening. Prof. Kleinrock will be giving a historical talk about the ARPA Network, one of the first major computer communications networks in the U. S.

Dr. Harlan Mills, a guest speaker scheduled for the ninth of March has had to cancel his trip here because of having a kidney removed. The CSC is attempting to obtain an alternate speaker for the evening, and we hope Dr. Mills soon recovers from his operation.

This term's CSC executive is busy trying to obtain guest speakers for the upcoming summer and fall terms, and we hope to make announcements about the program for these terms as the guest speakers confirm their dates.

Dear mathNEWS:

Two Daleks were spotted lurking in your vicinity last issue. Exercise extreme caution in future issues. WHO (*editor's note: World Health Organization?*) knows where their next attack will occur? They have already exterminated all intelligent life in another campus newspaper, the chevron thus allowing their allies the Auton Invasion Army, also known as the AIA to infiltrate. WHO knows what atrocity they will attempt next? Be warned and Beware!

gatoop

Dear mathNEWS:

In this day and age of substandard on-campus newspapers, the chevron, scisoc news etc., you would think that we the mathies would strive to produce a good paper.

To start everything off on the wrong note, you must have a lot of gall to call the paper mathGNUS!!!!!! What is wrong with the name mathNEWS???? or is the name mathNEWS too good for the piece of garbage that came out last Friday.

Besides this unforgivable mistake, you also failed to print any sports articles at all. There was an article of the math hacks broomball game of two weeks ago that you failed to print. The fact that the article was in your box in the mathsoc office and the fact that half a dozen of the staffers of the paper knew of the article's existence you think that this would be enough to guarantee its printing. I have also been told that an article on the MHL was cut. WHY????????

I noticed that the editing in this issue was very bad. It seems that you misspelled several words and ran several words together. Why did you have to resort to printing cartoons in this issue, when in the past there has been enough material to fill the pages (including cartoons from mathies)?

In general I am very disappointed with the last three issues of mathNEWS and I hope in future the quality of mathNEWS will improve.

Geoff Hains

Dear Mr. Hains:

It is indeed unfortunate that you were so annoyed by our last issue that you lapsed into ungrammatical and incorrect english. We have attempted to correct your errors.

Your complaint about the editing is well taken, but, as you may note by reference to last week's masthead, it was not so much poor as too little too late.

Where you found half a dozen staffers, I don't know. What were they doing?

—editor.

Mathsoc South Campus Hall PUB

Friday February 10

1 FREE Beer

for each mathie

Admission:

Mathies free
Others 50¢

Includes light show and DJ from
CKMS.

1178

Dear mathNEWS:

The following will be a letter of complaint. Although I have informed one of the co-editors of my dissatisfaction with the last edition, I feel obligated to comment in print.

First of all, the front page. Never in my memory of mathNEWS (I was a frosh in Fall '73) can I recall the word mathNEWS misspelt (at least, not deliberately). mathGNUS is, at best, a poor attempt at humour, and should not, in my opinion, have been used. Also, the front page was completely political, another no-no for the paper. And to top it all off, the politics was not even from mathematics, it was the Feds!!!!

I also disagree with the number and type of cartoons used. I think that one or two cartoons are fine, as opposed to the five? that were used, and I also think that the type used make the paper look like (heaven forbid) SciSoc News (sorry, JLL).

Finally, the last page. One full page of masthead!!!!!! Ridiculous, especially with at least one article in the mathNEWS mailbox in Mathsoc since the preceeding Friday (which had real news, of which there was a lack, according to the editor) and one other in before the deadline set by the editor (trob), who had been informed personally that it was ready to be "photon"ed.

John (fuzzy) Ellis

p.s. It might be nice, and better, to check with any person who's name is mentioned in an "ad" to see if they approve. I am speaking specifically about the two "ads" about jrbakker and the one about kekropp.

fuzzy

The TAKITH Prize of the Week

Last week, in the midst of the great snowstorm, I attempted to open the wooden doors leading to the stairwell on the second floor, from the front steps. My Charles Atlas course being lost in the mail, it took two of us to open the door because of the crosswinds. Well, today I walked up to the door and tried for five minutes before I realized that the door handles were nonexistent and one could not open the door without carballoy fingernails. This means that not only do we have to use the other doors and look at that hideous pustulence passing for art, but we must walk all the way around to get to the stairs. Is this permanent? Why wasn't a sign posted or something? Why am I complaining about such trivia? Tune in for more fascinating details next week.

Dear mathNEWS:

If you must include the name in MATHNEWS (sic, typist), the least you could do is spell it right:

It's SMITHS FALLS

signed,

IRK

(Independant Republic of Kilmarnock)

Dear mathNEWS:

During the fall term I was given a copy of mathNEWS that contained an article that piqued my interest (one of many). The article had to do with using black holes as lenses. An admirable idea, I thought at first.

Unfortunately this idea is completely out of the question. A quick look at the difference between the way an ordinary lens bends light and the way a black hole, or indeed any object, gravitationally bends light will show where the aforementioned article is wrong.

The further away from the axis a light ray encounters a black hole, the less it is bent, whereas the opposite occurs with a lens.

Unfortunately I do not have the original article (it was lost in the move up here at the end of my work term at christmas), otherwise I could address myself to the author.

Kopites Rule!

J.Roger Hill

Dear Mr. Hill:

The article in question was written by Dean Edmonds, who is currently on a workterm in Hamilton. —ed.

CO-OP News!

'Tis a favourite project of mine,
A new value of π to assign.
I would fix it at 3
For it's simpler, you see,
Than 3 point 14159.

1179

Mathsoc Broomball Tourney

Friday, February 10, 1978
8:00 a.m. to 4:00 p.m.
St. Clement's

Players and spectators
URGENTLY REQUIRED!

continued from page 462 (guest-page)

continued along the left-hand path. Cherry-coated sun-shine streamed from the sky, making Sidney feel giddy and diluted. His clothing was worse than before; revolting button holes now protruded from the cloth, where barometer foliage had grown. He made a note of this on his burping newspaper with the intention of reprimanding his private tailor later that day. Several giggling grapes lurched by, wielding 22-calibre paper clips, and tittering like verbose bicycle spokes. They were followed by a succulent pair of streetlamps and a waddling thermometer. As Sidney rounded a perspiring corner, his eyes fell upon a seductive pair of fused garbage can lids—what splendour! He picked then up so as to get a better view. The horizon boasted magnificent split pea rectifiers, vulcanized peanut butter mountains, cuddly four leaf dishwasher motors, and numerically integrated baby food. This was too much for one person to believe! Whirling around to dash for home base, Sidney observed, to his horror, that the path had disappeared. Two monstrous planters warts mounted on a barking window sill ferociously stood in its place. In an instant he comprehended the trap—such warts were considered about as edible as wrought-iron gargoyles, and could devour men more fiercely than a Xerox copier. Pangs of rabid anger swept his innards, and he convulsed briefly in a temporary spasm of dysentery of the toenail. A suddenly mobile ring of leprous teapots began to close in. All escape was blocked and time was limited. Sidney skillfully grabbed his slithering pocket-knife and adeptly injected googles of telephone numbers intravenously. His voice transformed into a booming green thunder, radiating bird language—a mixture of submerged consonants surrounded by flat-footed expletives—to the limits of the ionosphere. They must have heard him, for after a toasted instant, an earth-shaking, banana-flavoured horror descended, and

Missed your back-to-campus interview?

All co-op students should have a back-to-campus interview following each work term. Why?

1) To make sure your records are correct.

2) To determine your streaming if you have just completed your second work term in the CA option.

3) To make sure your records are up to date.

4) To make sure you receive a co-op transcript when you graduate.

If you are one of the guilty ones, see Phil Wright in Co-ordination and Placement NOW!

deCLASSIFIED SECTION

RATING SLIPS for the sanctioned Mathsoc tournament held last term may be picked up by the following people. R. Hasan, F. Karim, A. Leung, K. Tong.

EAGER, ENERGETIC, HARD WORKING male requires complete female domination. Experience essential. Must supply own whip and leather boots. Mail resume to rbwillis. Girls over 5'8" need not apply.

LOST WALLET
BLACK, SLIGHTLY WORN. On Friday afternoon (Jan. 27) Name: Al Turner
I.D.# 7619450
Phone 884-9480
Conrad Grebel College

R.U.EASY?R.U.READY?
U.R.READY!
Then contact I.M. Easy or I.M. Ready.

For Trade or Barter
One slightly used Brain no longer required once I graduate. If interested please contact soon-to-be-relieved.

Great Litigation Liquidation Sale
JJLONGCO, 'hit and run pie company', 5000 custard cream pies, thrown only once, still in excellent condition, call ext. 2485 and ask for jj.

WANTED M321b text - *Modern Algebra with Applications* by W.J. Gilbert. I will buy, borrow (till end of term) or even share. If you have a copy of this book you'd like to get rid of, phone 884-6396 (Andrew) or use the 'bun *ranash*.

FOR SALE
Sony TL377 reel to reel tape recorder and 27,000 feet of tape. asking \$425. Contact Mark at 884-0595 or *mrhasselback* on mail.

Q: How do you serve a wino?
A: Flambe.

Descartes Lectures

The Descartes lecture which was postponed due to bad weather is rescheduled for February 9, 1978, commencing at 8:00 p.m. in MC 5158.

The speaker will be Professor J. Gani, whose topic will be "*Early Mathematical Models for Epidemics and Genetics.*"

All Descartes scholarship and bursary holders past and present are invited to attend, and, if coming, should inform the Math Receptionist (5th floor, Math & Computer Building).

Ken Hunt

(editor's note: It's mathNEWS, not MATHNEWS.)

If anybody is interested in joining a math squash ladder, contact *djfishbaum* over the bun or call david at 884-2428.

Wanted:

A used stereo receiver. Call mike at 884-2428.

I lost my earmuffs somewhere between MC1052 and MC3005 on Wed. Jan. 18. If anybody has seen or heard of them call *jrgross* on tss.

I've found KROPP. It was easy to identify her, as her mouth is always open. Where do I find "John the Fuzzy"? Hurry, she's getting dangerous! Ouch! She bit me! Are you sure she's had her shots? Please send immediate anti-dote, if it exists.

ghsmit

WANTED: the address of the US Robotics Society. Please send mail to *mpdillon* on the 'bun or Michael Dillon, Integrated Studies, PAS 1055 via interoffice mail.

To the staff of mathNEWS and world in general:

We would like to take this opportunity to say hello to all our loyal fans out there. We regret that, due to a severe case of 4B apathy, we will not be contributing a Sam'n'Tak (not "Salmon Tack") column this term, or ever again. Also we could not possibly consider allowing our column to be printed in a publication which refers to itself as "mathGNUS"!

In addition, Tak would like to deny any connection whatsoever with the column which goes by the name "TAKith prize of the week". WE still have yet to figure out the purpose and/or meaning of this column.

Sincerely,

SamnTak

P.S. Where does one sign up for MTHEL 69? Are you people aware that the course add period has ended?

WATSFIC Grinds Ahead

In a contentious election the following people were elected as WATSFIC executive.

President: John Ellis
Secretary: Prabhakar Ragde
Treasurer: Geoff Hains
Secretary of War: John VanHezewyk

Next meeting will be held February 7 at 7 p.m. in M&C 3011. All those interested in Science Fiction, fantasy, war gaming, etc. are welcome.

Exeunt UNIX?

An ominous notice has reared its head in the Unix room. The gist of it is that undergraduate students who want UNIX accounts when they don't get them for a course will have to write a note justifying why they should have one. Each term after the first, a progress report on the past term must be submitted, as well as a new proposal for the coming term. This does seem a little out of kilter with UNIX's previously open policy, so some history is due.

Unix has been under the direction of many people in the past, most recently by Gary Sager. In the beginning, anyone could get an account just by asking. After a while, you had to give a reason (and "I like UNIX" seemed to be a valid one) although usage was rarely checked. Thus it continued; a certain amount of tightening up came into effect with the use of UNIX for courses, but overall it was quite open.

Unfortunately, at the end of last term Gary Sager left on sabbatical, and so the 'directorship' of UNIX fell into the lap of Mike Malcolm (do I hear a few groans?) I do not think that even he would disagree that he keeps a tight ship.

But in this case, Mike shows his typical disregard for students by tightening up where not necessary. Anyone who uses UNIX at all regularly will note that it is only at times when assignments are due that UNIX is anywhere near capacity. Most times, there are only a few people using it.

Why the clampdown? There seems little reason, since the percentage of the UNIX population is not large. However, this type of thinking is contrary to the good feelings that UNIX has enjoyed in the past; why this new level of paperwork?

I know that this appeal will not penetrate one angstrom of Mike Malcolm's thick skin, so I plead:

Even if you don't use UNIX, please don't let this petty bureaucracy damage what is one of the last holdouts of free and easy computing on campus. Thank you.

Graham Ashby

Hockey Night in Mathsoc

The MHL has gotten off to a good start this term, with lots of action (and goals). Using the rating system developed specially for the MHL, we

find that the top teams are as follows:

1. St. Louis .917
2. Edmonton .750
3. Toronto .750
4. Islanders .750
5. Winnipeg .719
6. Buffalo .714
7. Boston .688
8. Montreal .667

However, some of these teams have not played many games, so what follows is the record of the top teams according to points:

ETHICS CENTRE PLANNED FOR WESTERN

The University of Western Ontario could have a Centre for Ethics as early as July 1, 1978.

The centre would examine ethical problems and issues with particular emphasis on biomedical issues, a relatively new philosophical multidisciplinary field that has arisen as a result of technological advances.

University President George Connell and W. Lockwood Miller, president of Westminster College, in a joint statement made during a recent Colloquium on Biomedical Ethics at the university, said that plans for such a centre are being developed.

The centre would be located at the college, a coeducational residence established in 1959 by the London Conference of the United Church or Canada.

Much of the money needed to run the centre would come from income derived from an endowment fund established by the will of Bertha Mabel Richter, a benefactress of Westminster College.

The exact nature of the centre's staffing, research pursuits, the date of opening, and its relationship with the university have yet to be worked out.

Dr. Connell said that a final plan will be drawn up by the new year for presentation to the university's senate and board of governors.

Mr. Miller said that the centre would encompass the study of the ethics of all professions, including law, medicine, science and business. It would be devoted mainly to research for which outside funding would be sought.

A centre of this type already exists in Montreal—The Centre for Bioethics in the Clinical Research Institute of Montreal.

No.	Team	G	W	L	T	P
1.	Winnipeg	16	11	4	1	23
2.	St. Louis	12	10	0	2	22
3.	Boston	16	11	5	0	22
4.	Buffalo	14	9	3	2	20
5.	Colorado	13	8	4	1	17
6.	Montreal	12	6	2	4	16
7.	Edmonton	10	7	2	1	15
8.	Rangers	13	7	5	1	15

Leading scorers are:

1. Ratelle 48 goals
2. Perreault 31 goals
3. Unger 27 goals
4. Nilsson 26 goals
5. Gardner 21 goals
6. Palczny 19 goals
7. Cournoyer 17 goals
8. Lysiak 12 goals

By the end of the week, all teams should have completed 17 games. Teams now (Wed. morning) in danger of not finishing that many games are: Cleveland, Houston, New England, Islanders, Philadelphia, and Toronto, all of whom have at least nine games to go.

AROUND THE UNIVERSITIES

A computer modeling group has been established at the University of Calgary to develop or purchase computer programs to simulate the behaviour of various oil recovery techniques. The computer models can be used to evaluate the feasibility of certain recovery schemes and to locate and diagnose operational difficulties in the field. In addition to the University of Calgary, membership includes the University of Alberta and eight federal and provincial agencies concerned with energy and natural resources.....

The University of Toronto has acquired the papers of the late Jacob Bronowski, considered one of the most influential scholars of this century and best known in Canada for his BBC television series "The Ascent of Man". The collection, consisting of books, essays, lectures, and most of his professional papers, was donated by his widow, Rita Bronowski.....

Watolotto, a student lottery with a top prize of free tuition for a year, has been proposed by the University of Waterloo's newly-elected student federation president. Richard Smit says a provincially licensed lottery would be ideal because all prizes would be academically related. He proposes a price of \$1 for each lottery ticket.....

stolen from University Affairs

Andrew Mueller

Dear Constituent:

My name is Andy Mueller. The position I am running for is President of the Math Society.

In the past, this society has had its share of good presidents, but there have always been problems with the organization of the society. I believe that, to overcome these problems, we need an enthusiastic and aggressive council. We also need someone with the authoritative quality required to run the Society efficiently. I feel that I am the best qualified for the position. I have been on the council since the fall of 1975, as 1st and 2nd year representative, Internal Affairs Director, Assistant Manager and Manager of the coffee club, Interim President and Social Director. My experience in these areas will enable me to select an executive council that would best represent you.

My relations with the higher administration have helped me to see both sides of the coin. I am presently a voting member on the faculty Executive Committee, was a member of the Space committee, and the Student Administrative Council to the Department of Co-ordinations.

This election is the first full election that this society has had since 1973. I feel that I, during my term as Interim President last summer, had a role in developing the society as a student organization.

I started the summer with only 4 councillors and one other executive member. Through my enthusiasm in promoting MathSoc I had 11 councillors and 8 Executive members within three weeks.

During the summer, I organized the first athletics banquet and bridge league, both of which are still in operation. As Social director in the fall, I helped co-ordinate, with Bill Thompson of EngSoc, the off-campus Math-Eng-Nurses Pub, which was the first money-making pub Mathsoc has had in years (although it wasn't geared for making money). On-campus pubs have been free for mathies.

Although I feel that all three candidates for the presidency have qualifications for the job, I feel that my experience in this field makes me the best choice.

On February 13th, vote experience, elect Andy Mueller for President.

Thank You,
Andy Mueller

Brian Gregory

My name is Brian Gregory ("BJ" around Mathsoc). I am presently an honours, third year, C&O student. In the past, I have been involved with Mathsoc as a second year representative, as Athletics Director in the summer of 1977 and at the present I am Social Director. This briefly describes my past affiliations with Mathsoc.

There has been a lot of talk that in the past that the society has not been functioning at its full potential. In the past this has been blamed on student apathy, but I do not believe that there is student apathy on campus but instead a lack of good leadership. This leadership, in the case of Mathsoc, falls on the shoulders of the president. Therefore, the president should possess good leadership skills. His ideas should be sound and he should be able to convey his ideas to the people he is working with. He should work well with people and have a grasp of how things should be run. In my opinion, I meet these qualifications.

My main aim as president would be to try and establish what the society members want from their society leaders and what services they want their money used to provide. I propose that a series of questionnaires in **mathNEWS** may provide some of these questions.

yours truly,
Brian Gregory

Geoffrey Hains

As you well know, I am running for the position of Mathsoc Vice-President, but, what you may not know is that the role of the Vice-President is to take care of the general public relations for the Society. To do this properly, I feel you need a good background in the operation of the Society which will insure that you know in what ways you can best represent the students.

Although my opponent would make a good Vice-President, I feel that because I have the background in the operation of the Society (one year on council and one year as Athletics Director), I would make a better choice for the position.

In conclusion, I will only make one promise to you the students, and that is: **if I am elected, I will do the best job possible and I will work with the President, the Executive and the Council to make the Society work for you.**

So on Feb. 13, VOTE GEOFF HAINS FOR MATHSOC VICE-PRESIDENT.

Keith Buajitti

Trevor Grove

Are you fed up with the current mathsoc situation?

Do you feel a change is necessary?

Do you enjoy sex?

Well, if you answered yes to any of the above questions then we're just what you need. What we lack in experience we make up for in our enthusiasm and intense desire to improve the current mathsoc.

The team of Trevor and Keith has performed many feats in the past and will continue to do so with your vote. However, without it we are powerless. Remember, the future of mathsoc depends on you. We know that you will make the right decision by voting for us. Remember,

vote

Trevor Grove - Treasurer
Keith Buajitti - President

David De Bruyn

Please grant me your support in my bid for vice-president of the math society council, by voting for me in the upcoming elections. I will do my best to serve math society members during my term of office, when I am on campus, other than the summer term of 78. I will make an effort to be available for my constituents to discuss any decisions that I or the council should make on your behalf. I believe that I have sufficient experience with council from interaction that I have had in my capacity as Coffee and Donut stand manager to be able to get things done.

I believe that I will contribute to the running of Mathsoc on your behalf to give you what you expect from your society. I hope that you will vote for me to be your vice-president, but please do vote in the forth-coming election anyway.

D. P. De Bruyn

Philip Kelly

My name is Philip Kelly, and I am running for the position of Mathsoc Treasurer.

Since early last term, I have been a 3rd Year Regular representative on Mathsoc council (I'm in 3rd year Honours CS). Through my involvement with the Math Society (pubs, social activities, **mathNEWS** Council) I've become familiar with the operation, and budget, of Mathsoc.

Last summer I worked for over five months as a cost accountant for Canada Packers in Toronto. Also, I have worked with most of the other candidates in the elections.

Vote Philip Kelly for Treasurer.

Thank you,
Philip Kelly

THE PRESS REPRESSION CODE 1182

General

The function of the Press is to serve the State and support the concept of law and order. Hence its traditional designation as the Fourth Estate of the Realm.

Contentious campaigns in favour of liberty, love, happiness, equality, freedom from want and the "right to know" should not be launched without prior sanction.

Fair and reasonable criticism is permissible so long as it is directed at officially approved targets.

The utmost care must be taken to prevent newspaper astrologers from spreading alarm and despondency or forecasting the ruin of the State.

Censorship

It shall be an offence for any newspaper to appear with blank spaces, or with columns of solid black, to indicate that censorship has taken place, unless such censorship is the result of industrial action, when a statement to that effect is obligatory. All editors are required to keep sufficient stocks of kitten photographs, cooking recipes, knitting instructions and the like for emergency use.

Treatment of Heads of State

It shall be treasonable to suggest that the absence of any Head of State from his capital, or from his country, is likely to precipitate a coup in his absence, or to suggest that he is afraid to leave his country for such reason, or to enumerate any instances in which Heads of State have been deposed in their absence.

It shall be treasonable to publish any photograph of a Head of State scratching, picking, yawning, sleeping, overbalancing, inserting victuals in his mouth or peering down the corsage of any woman not his wife; or, if the Head of State be a woman, to publish photographs of her with clothing disarranged by wind, exercise or any other activity.

It shall be treasonable for a cartoonist to represent a Head of State in any of the following guises:

- (a) snake, skunk, toad, vulture, jackal, crocodile, bed bug or any of the creatures listed in Schedule A;
- (b) beggar, extortioner, usurer, torturer, street-walker, undertaker or any of the occupations listed in Schedule B;
- (c) equipped with devil's horns, cloven feet, vampire's fangs, pointed head or tail of any description;
- (d) arrayed as a member of the opposite, or the indeterminate, sex, or clothed only with a fig-leaf.

It shall be treasonable to superimpose on a photograph of a Head of State a "balloon" containing words calculated to inspire any sentiment other than loyalty, affection or awe.

It shall be treasonable to suggest that the titles, medals, dignities or decorations of a Head of State were never earned, or were self-awarded.

It shall be treasonable to suggest that a Head of State has deposit accounts in countries other than his own, or that he has received, or is about to receive, financial benefits from:

- (a) the CIA;
- (b) the Kremlin;
- (c) aircraft or armament manufacturers;
- (d) overseas aid, famine relief or earthquake funds;
- (e) political parties;
- (f) "inside" stock market operations.

It shall be treasonable to suggest that the matrimonial relations of a Head of State are less than perfect.

It shall be treasonable to draw attention to the following:

- (a) shopping sprees or gambling exploits by relatives of Heads of State in any country whatsoever;
- (b) courtesy calls by wives of Heads of State on popular entertainers;
- (c) purchase of principalities, palaces, estates, castles, mansions, shoots and fishing rivers unless publication is specifically authorised;
- (d) visits by Heads of State to rejuvenation clinics.

It shall be treasonable at all times to pass on rumours about the conduct of Heads of State by denying the truth of them.

Judicial and Legal Matters

No privilege shall attach henceforth to the reporting of statements made by any parties whatsoever in courts of law.

It shall be an offence to publish observations by judges or magistrates when these are clearly seen to be critical of the Head of State, or of his ministers, or to reflect in any way on the higher or lower direction of the State.

It shall be an offence to comment on the removal from office of members of the judiciary or to speculate on their whereabouts.

It shall be an offence to refer to, or comment on, the following subjects:

- (a) black eyes or other injuries apparently sustained by persons in custody;
- (b) the circumstances in which interrogated persons have fallen from faulty windows;
- (c) the incidence of traffic accidents involving persons in custody;
- (d) any unusual or unseasonal increase in the number of corpses floating down rivers.

The Church

Appeals from the pulpit, especially by bishops and archbishops, for unity, sanity, amity, fraternity and other controversial concepts shall be referred without exception to the Chief Clerical Censor.

It shall be obligatory to report in full any sermon based on *Romans XIII*: "The powers that be are ordained of God. Whosoever therefore resisteth the power, resisteth the ordinance of God; and they that resist shall receive to themselves damnation"; provided always that the said sermon is free from doubtful interpretations and misleading glosses.

Economic Affairs

As a general rule, editors will be expected to play down adverse reports on trade conditions or replace them with photographs of naked women.

The widening of the trade gap should be ascribed to the activities of malicious foreign interests. The shrinking of the trade gap, should it occur, should be attributed to the far-sighted policies of the Government.

Unemployment should not be referred to as such, but as manpower shakeout.

It shall be an offence to mention inflation without pointing out how much worse it is in Latin America.

It shall be an offence to describe the unit of national currency as "nosediving", "crashing through the floor" or "committing hara-kiri" at a time when devaluation is deliberate State policy, or when it may later be necessary to represent it as such.

Special Notice to Editors: HUMOUR

Humour is to be regarded as an important safety valve. It should be encouraged in such fields as puns, riddles, golfing stories, children's sayings and jokes about plumbers, Aberdonians and mothers-in-law; or additionally about such classes of immigrants and racial elements as the State shall from time to time direct.

An editor is obliged to divulge the source of any doubtful joke published by him.

No satire is to be engaged in without express written authority or directed at targets other than those designated by the State.

Protected Species

It shall be an offence for any newspaper to persecute, or advocate the culling of, the following: Government ministers; civil servants of whatever rank; Government press officers; Government public relations officers; Government directors of information; censors; police; para-military police; political police; secret police; executioners.

In the event of being sentenced for infractions of the above Code, journalists will be classed as Special Category prisoners. They will not be liable to forfeit privileges since they will have none.

PUNCH, 1977

House of Commons Debates January 1978

PUBLIC SERVICE

Question No. 123—**Mr. Herbert:**

In each of the past five years, how many public servants (a) were hired (b) were retired (c) were discharged or dismissed (d) have left the public service for other reasons?

Hon. John Roberts (Secretary of State): I am informed by the Public Service Commission as follows:

	1972	1973	1974	1975	1976
(a) Hired	38,568	38,979	46,567	36,251	30,201
(b) Retired	*	5,281	5,576	5,074	5,192
(c) Discharged or dismissed	*	1,217	1,506	1,343	1,279
(d) Left for other reasons	*	26,741	32,262	25,393	25,260

* Details not available from 1972 annual report

Discharged or dismissed includes: breach of discipline or misconduct; incompetence or incapacity; rejection during probation; abandonment of position. Left for other reasons includes: end of specified period appointment; laid off; revocation of appointment; death.

PROCUREMENT OF PNEUMATIC MATTRESSES

Question No. 791—**Mr. McKinnon:**

Is the Department of National Defence buying pneumatic mattresses from Uniroyal Ltd. of Kitchener, Ontario, for the sum of \$418,031 and, if so (a) how many does the contract cover (b) which units will be issued with the mattresses?

Hon. Barney Danson (Minister of National Defence): Yes. (a) 6,500. (b) Regular and militia units of the field force and Canadian Forces Training Establishments.

IMPORTS OF COMPUTER AND OFFICE EQUIPMENT

Question No. 529—**Mr. Howie:**

Approximately what percentage of the Canadian market for computer and office equipment was served by imports in (a) 1970 (b) 1973 (c) 1976?

Mr. Bernard Loiselle (Parliamentary Secretary to Minister of Industry, Trade and Commerce): Statistics Canada reports that: the percentage of the Canadian market for computer and office equipment served by imports was approximately: (a) 84.1 per cent in 1970; (b) 85.9 per cent in 1973; (c) 87.8 per cent in 1976.

NUMBER AND TYPE OF SHIPS ON ACTIVE SERVICE

Question No. 817—**Mr. Howie:**

How many and what type of ships are on active service with the Canadian Armed Forces?

Hon. Barney Danson (Minister of National Defence): Helicopter destroyers—12; destroyers—8; replenishment vessels—3; submarines—3; coastal patrol escorts—4.

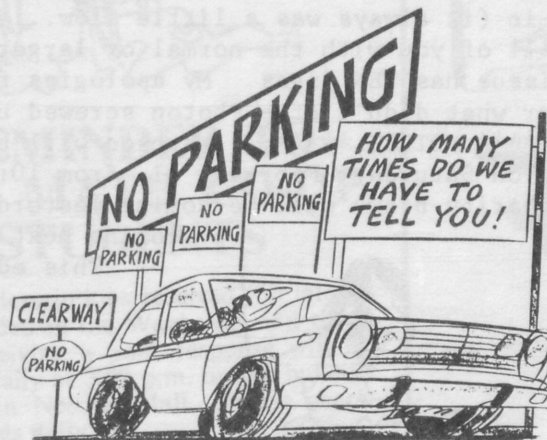
DEPARTMENT OF SOLICITOR GENERAL

PURCHASE OF PAPER-SHREDDING MACHINES—MOTION UNDER S.O. 43

Mr. Ray Hnatyshyn (Saskatoon-Biggar): Mr. Speaker, I rise under the provisions of Standing Order 43 on a matter of urgent and pressing necessity. In view of the extravagant efforts of the Solicitor General (Mr. Fox) to separate himself, his predecessors and the Prime Minister (Mr. Trudeau) from the RCMP and to shift responsibility for alleged wrongdoing from the government, and in view of reports that the Solicitor General recently purchased three paper shredding machines and is considering ordering others, I move, seconded by the hon. member for Edmonton Centre (Mr. Paproski):

That this House directs the Solicitor General to divest himself of any and all paper-shredders now in use in his department and orders the Solicitor General, or preferably his executive assistant, to assure the House that this is absolutely the last instance in which he will allow the purchase and use of paper-shredders for his files.

Mr. Speaker: Such a motion can be presented for discussion only with unanimous consent. Is there unanimous consent?



PROTEIN RUTIN

Question No. 483—**Mr. Yewchuk:**

Has the Department of National Health and Welfare investigated the potential danger to smokers and non-smokers of the protein RUTIN, which is present in both tobacco leaves and cigarette smoke and, if so, in what manner?

Miss Monique Bégin (Minister of National Health and Welfare): The Department of National Health and Welfare has not investigated the potential danger to smokers and non-smokers of RUTIN. Rutin is a natural product found in buckwheat, citrus fruits and vegetables, as well as in tobacco.

Good afternoon, Mr. Phelps. The paper you are holding is mathNEWS, the only weekly newspaper at U of W produced by an entirely volunteer staff---of one. The paper is paid for by but independent of, mathsoc edited on the Honeywell 66/60 typeset on the Photon Econosetter & reproduced a multiplicity of times (1 multiplicity is about 1000) by Graphic Services...Your mission, should you decide to accept it is to type articles make up gridwords write columns lay out or otherwise assist this worthy enterprise. Remember if you or any of your staff are caught or killed the secretary will deny any knowledge of your actions---but don't let that stop you

People you should watch for are (in order of their appearance); BJ did very little GREGORY; GEOFF did less and worse HAINS; JOHN helpful ELLIS; PHIL nothing but gridword this week KELLY; thanks for the limericks, but the Photon screwed your letter BWLUTEK; PETER flashman STEVENS; ROB all too temporary COLLINS; JOHN supertypist LEE; and yours truly

You should also be told that a randomized nickel (which obviously wasn't) selected cdwebster as the winner from 13 correct hexword entrys (he also had the best answer to "why?" (some people copied other peoples' wrong answers)).

If you missed our dirty word last week shame on you' May you wait another five years for the next one. word is a four-letter word is a four-letter word

Fed ekection results are on the front page; the polls aren't open yet, so I don't know yet what the results are

NEWS OF THE WORLD: 3 pieces of that Russian satellite have been found, one of them radioactive. Francis Foxx was a bad boy WIDJET has entered the Fed Prez race as a write-in (it always was a little slow...).

All of you with the normal or larger complement of fingers will be able to count that this issue has TEN pages My apologies for the stuff that got in (geoff hains' article) and for what didn't (the Photon screwed up.).

***** NOTICE *****: Mathsoc will be holding a backgammon tournament in the mathsoc lounge on Saturday, February 11, from 10:00 until 17:00. Register in mathsoc.

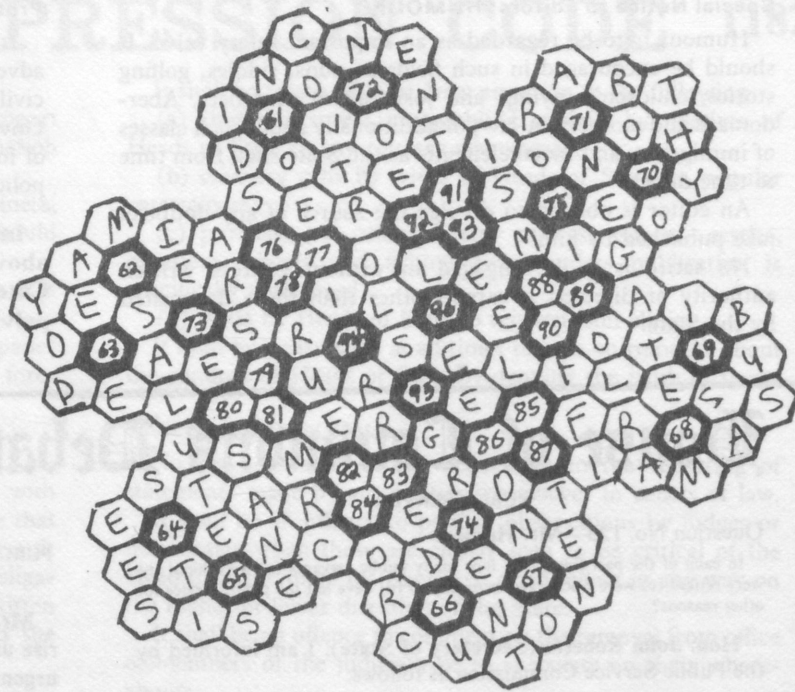
Charity Brown will be coming yesterday which is still tomorrow now. Hott Roxx is coming next week.

This editor will crash in TEN seconds

NINE
EIGHT
SEVEN
SIX
FIVE
FOUR
THREE
TWO
ONE.



"The system works, the system doesn't work, the system works..."



1184